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Inside Wallops

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Wallops Employees On the Road

Rich Rogers (Code 831) visited Pine Hurst Elementary School, Salisbury, MD on February 5.

Linda Thompson, (right), and Susan Semancik, (Code 822), talked to students at Broadwater Academy, Exmore, VA on February 19 as a part of Engineer's Week.

Robert Nock, (Code 821), and Dawn Holdren, (Science and Engineering Services, Inc.) traveled to Washington High School, Princess Anne, MD on February 20 and spoke to a chemistry class.

Phil Eberspeaker (Code 832) talked to physics and calculus students at Washington High School, Princess Anne, MD on February 27.



NASA Working on Next Generation Internet

Research and development by NASA and five other Federal agencies on the Next Generation Internet (NGI) initiative could by 2002 result in information flowing a million times faster than today's modern home computer modems and one thousand times faster than a current standard T1 business computer line, according to NASA engineers.

NASA recently named Ames Research Center as the lead institution for the Agency's \$30 million portion of a three year \$300 million federal project to develop the NGI.

NASA and other Federal agencies will conduct research and development that could interconnect "core sites" with high speed lines late this year, according to Christine Falsetti, NGI Project Manager at Ames. "Then we'll connect to GigaPOPs across the country," she added.

"A GigaPOP is a regional group of core organizations that will connect separate computer network systems by high speed communication lines," Falsetti said, "A POP is a 'point of presence,' and 'Giga' stands for a billion (computer bits)," she explained.

"The federal government is going to hook up about 100 universities, research labs, and other institutions at a hundred times the speed of today. NASA now has five research sites connected at 155 megabits (155,000,000 bits per second)," NASA Program Manager Bill Feiereisen said.

NASA sites include Ames, Goddard, Langley, Lewis and the Jet Propulsion Laboratory. "We plan to soon convert them from a speed of 155 megabits to 622 megabits," Feiereisen said.



The last phase of the installation of underground electrical cables on the Main Base begins as construction workers tear out the sidewalk in front of the E buildings. The project, which is nearly 70 percent complete, will place all overhead electrical lines underground. PAO Digital Photo

Sounding Rocket Carries Microgravity Payload

A NASA Black Brant IX sounding rocket, carrying a microgravity payload, was successfully flown February 26 from the White Sands Missile Range, NM.

The Diffusive and Radiative Transport in Fires (DARTFire) experiment was to investigate flame propagation over solid fuels against a low velocity oxidizer flow in a low-gravity environment.

The Black Brant IX was launched at 3 p.m. EST and flew to an altitude of 196 miles. The payload was recovered.

The principal investigator was Sandra Olson, NASA Lewis Research Center, and the project manager was Will Mast (Code 823).

Preventive maintenance is a really good investment.

How often do you think about having a service check performed on your PC? If you're like most of us, your PC is essential to completion of day-to-day business and without it, you would be lost. Very few people think about their machine until it fails and then it's panic time.

Computers, like any other piece of equipment, require a certain amount of regular maintenance to perform at their best. For example, the cooling fan on a PC runs constantly, drawing air and associated dust into the heart of the machine. Over a period of time, dust can accumulate in the machine and cause the PC to fail. Similarly, the CD-ROM drive or floppy drives provide a means of access for contaminants into the computer's inner workings.

Devices such as the mouse and keyboard also are exposed to wear and tear along with dust and dirt on a daily basis. Let's face it, without an input device, computers are not much help.

The ITC recommends that preventative maintenance be performed on a computer at least once a year to keep it in top running condition. To schedule maintenance, call Tom Clifford at extension 2412. Most maintenance can be performed in a half-hour or less, and is a really good investment!

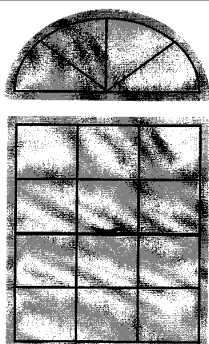
Women's History Month

The Federal Women's Program (FWP) Committee was formed to serve the needs and interests of women at Wallops. The primary objective is to advance career interests of women and planning and implementing activities of interest.

A Women of Wallops (WOW) homepage can be accessed at: <http://www.wff.nasa.gov/~web/FWP>. It will provide a forum for sharing ideas, provide information on upcoming events and high-light women at Wallops, give FWP objectives and introduce committee members.

To celebrate Women's History Month during March the FWP committee will:

- highlight a woman at Wallops weekly in *Inside Wallops* and on the FWP homepage
- provide a list of interesting links in the FWP homepage pertinent to women's advancement throughout history and
- list activities planned throughout the month in the homepage events bulletin board.



YOU ARE INVITED TO: Workforce Refocusing and You

a Presentation by Gail S. Williams,
Chair Workforce Refocusing Committee
about the Center's Changing Workforce

WHO: All Wallops Civil Servants

WHERE: Building E-2

WHEN: March 19 or 20--see below

<u>Date</u>	<u>Time</u>	<u>If Your Last Name Begins With</u>
Wed., 3/19	8:15-10:15 a.m.	A-C
Wed., 3/19	10:30 a.m.-12:30 p.m.	D-H
Wed., 3/19	1:30-3:30 p.m.	J-M
Thurs., 3/20	8:15-10:15 a.m.	N-Sh
Thurs., 3/20	10:30 a.m.-12:30 p.m.	Si-Y

The Human Element (HQ-Sponsored Training)

Aug. 10-15, 1997

Location: Wallops, VA

The purpose of this course is to increase team effectiveness through an awareness of one's behavior and feelings toward others, self-esteem and compatibility with other team members. Ideal participants are a manager and members of their work unit. Next are any NASA employees and one or two other individuals with whom they interact on a regular basis.

Topics discussed include basic principles of self-awareness, openness and self-determination and how they empower individuals, teams and organizations.

NASA employees interested in this course should contact: Andrea Harrison on x66-4919.

Last Reminder! Women of Wallops (WOW) Logo Contest

The Federal Women's Program (FWP) Committee at Wallops invites you to visit our homepage at <http://www.wff.nasa.gov/~web/FWP> and help us select a logo from the entries received. The voting process is open to all Wallops employees and will end on March 7, 1997, so hurry up and cast your vote before the closing date.

For more information you can also contact Susan Semancik at ext. 1655 or e-mail at Susan.K.Semancik.1@gsfc.nasa.gov



The FWP would appreciate you taking time to answer the survey while visiting our homepage.

St. Patrick's Day Party

Monday, March 17th

Rocket Club --
right after work

Ham and Cabbage
Green Beer

Riverdance Video

Interested in a Carpool

Anyone interested in joining a carpool leaving from the Ocean Pines, MD area on Route 589, please contact Chuck Connor on x1781 or Judy Hasenei on x1668.

**Wallops homepage is
online @
<http://www.wff.nasa.gov>**

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